

INTERNATIONAL SEARCH REPORT

International application No.
PCT/KR2004/002653

A. CLASSIFICATION OF SUBJECT MATTER**IPC7 A61K 31/352**

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC A61K 31/352

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched
Korean patents and applications for inventions since 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)
STN, Pubmed [Apigenin AND (chondroregenerative OR cartilage OR bone OR chondroprotective)]

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 02/076241 A1 (N.V. NUTRICIA) 03 October 2002 See the whole document.	1 - 8
A	US 6583118 B1 (KUREHA CHEMICAL INDUSTRY CO., LTD) 24 June 2003 See the whole document.	1 - 8.
A	KR 2000-0041190 A (LG CHEMICAL CO., LTD) 15 July 2000 See the whole document.	1 - 8
A	US 4268517 A (CONTINENTAL PHARMA) 19 MAY 1981 See the whole document.	1 - 8

☐ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier application or patent but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

16 DECEMBER 2004 (16.12.2004)

Date of mailing of the international search report

17 DECEMBER 2004 (17.12.2004)

Name and mailing address of the ISA/KR



Korean Intellectual Property Office
920 Dunsan-dong, Seo-gu, Daejeon 302-701,
Republic of Korea

Facsimile No. 82-42-472-7140

Authorized officer

LEE, Mi Jeong

Telephone No. 82-42-481-5601



INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/KR2004/002653

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 02/076241 A1	03.10.2002	US 20040152640 A1 EP 1379146 A1	05.08.2004 14.01.2004
US 6583118 B1	24.06.2003	US 5650433 A JP 07025761 A2 EP 0719554 A1 EP 0633022 A2 DE 69401763 C0 CN 1100633 A KR 1995-0002754 A CA 2126513 AA AU 6733994 A1	22.07.1997 27.01.1995 03.07.1996 11.01.1995 27.03.1997 29.03.1995 16.02.1995 10.01.1995 19.01.1995
KR 2000-0041190 A	15.07.2000	None	
US 4268517 A	19.05.1981	None	